

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/113033 A1

(51) International Patent Classification⁷: B26D 3/11 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FL, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/IB2004/002034

(22) International Filing Date: 18 June 2004 (18.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2003/4785 20 June 2003 (20.06.2003) ZA

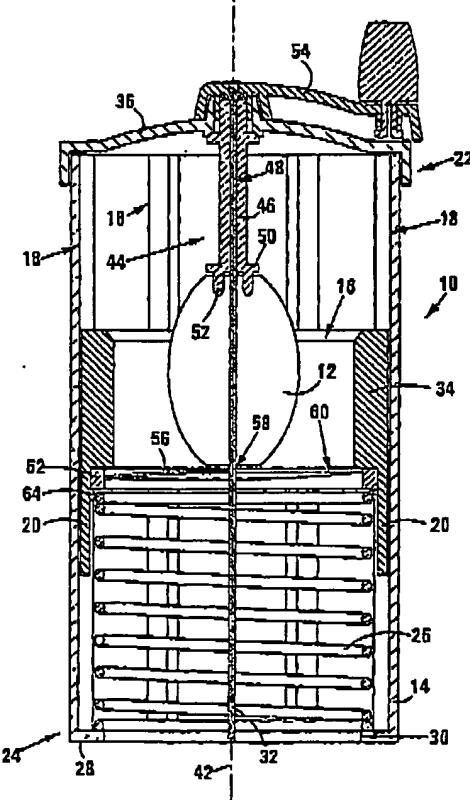
(71) Applicant and
(72) Inventor: VAN HEERDEN, Hermanus, Willem [ZA/ZA]; 577 33rd Avenue, Villieria, 0186 Pretoria (ZA).

(74) Agent: LOOCK, Jacobus, Andries; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SL, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A DEVICE FOR CUTTING A FRUIT OR VEGETABLE IN A HELICAL SHAPE



(57) Abstract: The invention provides a device (10) for helically slicing a potato. The device (10) includes a sleeve (22) and a chuck (44) connected to the sleeve (22), the chuck (44) being rotatable about an axis of rotation (42) and including a skewer holder for holding a skewer (32) such that the skewer (32) is co-axial with the axis (42). A blade (56) is mounted on the sleeve (22) for linear displacement in a direction parallel to the axis (42), the blade (56) having a radially extending cutting edge (60) and being anchored against rotation relative to the sleeve (22). The blade (56) is shaped to abut a potato on the skewer (32), but to permit a free end of the skewer (32) to pass through it, so that synchronous rotation and the chuck (44) and linear displacement of the blade (56) results in helical slicing of a skewered potato.

WO 2004/113033 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.